



Form PTO-1449 Equivalent	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.42925X00	SERIAL NO. 10/617,690
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT TANAKA et al	
		FILING DATE July 14, 2003	GROUP 3676

U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
<input checked="" type="checkbox"/>	AA	5,491,507	2/96	Umezawa		
<input type="checkbox"/>	AB					
<input type="checkbox"/>	AC					
<input type="checkbox"/>	AD					
<input type="checkbox"/>	AE					
<input type="checkbox"/>	AF					
<input type="checkbox"/>	AG					
<input type="checkbox"/>	AH					

U.S. PATENT APPLICATIONS

	Publication Number	Name	Publication Date
<input type="checkbox"/>	AI		
<input type="checkbox"/>	AJ		
<input type="checkbox"/>	AK		
<input type="checkbox"/>	AL		

FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
<input checked="" type="checkbox"/>	AM	2302541Y	12/98	China			X
<input type="checkbox"/>	AN						
<input type="checkbox"/>	AO						
<input type="checkbox"/>	AP						
<input type="checkbox"/>	AQ						

OTHER DOCUMENTS

<input type="checkbox"/>	AR	
<input type="checkbox"/>	AS	
<input type="checkbox"/>	AT	

Examiner J. Chiang	Date Considered 8/11/05
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7/14/03

W1047

INFORMATION UNDER 37 CFR 1.56(a)
(For Initial Filing)

The following references are submitted as information
to comply with the duty of disclosure under 37 CFR 1.56(a):

References	Disclosed in the specification		Copy			Translation (English Abstract)	
	Yes	No	Enc.	Follow	Please Obtain	Enc.	Not availa ble
1. JP-A-2001-320463	X		X			X	
2. JP-A-10-65780	X		X			X	
3. JP-A-11-69214	X		X			X	
4.							
5.							
6.							
7.							
8.							
9.							
10.							

Concise Explanation (Relevant Portion)

J. Chiang

8/11/05